(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 24 March 2005 (24.03.2005)

PCT

(10) International Publication Number WO 2005/025993 A1

(51) International Patent Classification7: B65B 51/26, 9/20

(21) International Application Number:

PCT/EP2004/010143

(22) International Filing Date:

10 September 2004 (10.09.2004)

(25) Filing Language:

(30) Priority Data:

English

(26) Publication Language:

English

03 020 761.7 12 September 2003 (12.09.2003) EP

- (71) Applicant (for all designated States except US): CFS WEERT B.V. [NL/NL]; De Fuus 8, NL-6000 AG Weert (NL).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): RIETJENS, Peter, Wilhelmus, Henricus [NL/NL]; Magnoliastraat 21, NL-6011 RH EII (NL).
- (74) Agents: WOLFF, Felix et al.; Kutzenberger & Wolff, Theodor-Heuss-Ring 23, 50668 Köln (DE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

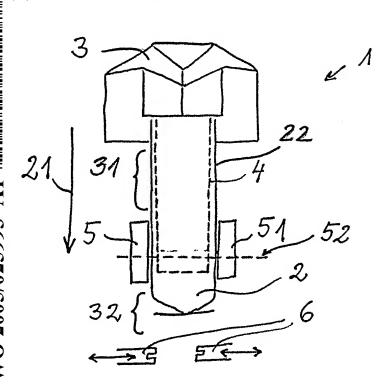
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PACKAGING MACHINE, ESPECIALLY VERTICAL-TYPE PACKAGING MACHINE, AND METHOD



(57) Abstract: A packaging machine, especially vertical-type packaging machine, for producing tubular bags (2) from a foil web (22) is proposed, wherein the machine comprises a shaping shoulder (3), an edge forming means (31) and a sealing means (5), is provided to apply to the foil a longitudinal seal (24) and an edge seal (25) in a direction parallel to the direction of flow (21) of the foil, characterized in that the sealing means is provided such that the longitudinal seal and the edge seal are applied almost simultaneously and in a common plane (52) perpendicular to the direction of flow of the foil.